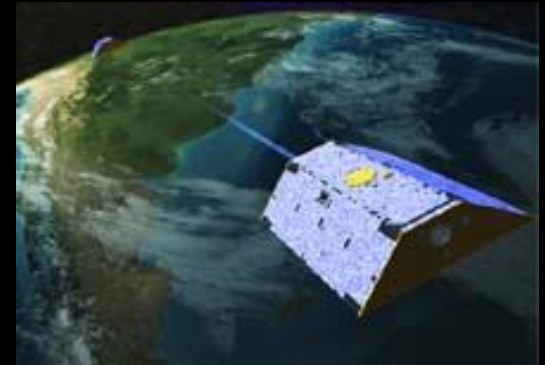
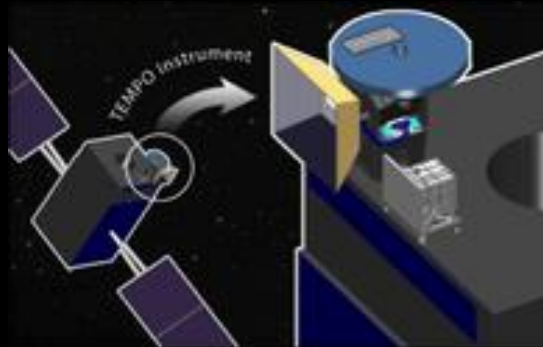


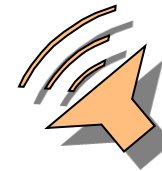
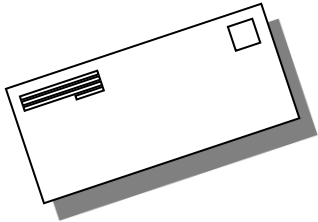


## Small Astrophysics Missions Teleconference/WebEx August 17, 2015



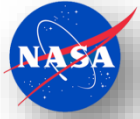
*David T. Flynn*  
*NASA Headquarters Export Administrator*

The transfer of anything to a **FOREIGN PERSON** or a foreign destination by any means, anywhere, anytime.



*Exposure is disclosure*

# ECILD Primary Export Control Regulations



Export Control and Interagency  
Liaison Division

## The International Traffic in Arms Regulations (ITAR)

- 22 CFR 120-130
- Control the export of goods and technical data on the United States Munitions List (USML) and certain items on the Missile Technology Control Regime (MTCR) Annex.
- USML items are mainly “military” in nature, with a limited number of “dual-use” items.
- State Department is the authority
- Category XV Spacecraft and Related Articles



## The Export Administration Regulation (EAR)

- 15 CFR 730-774
- Regulations which control the export of goods and technical data on the Commerce Control List (CCL), including certain items on the Missile Technology Control Regime Annex.
- Items on the CCL are typically referred to as “dual-use” items.
- Commerce Department is the authority
- ECCN 9A515 Spacecraft and Related Commodities



## The International Traffic in Arms Regulations (ITAR)

### – Technical Data

Information which is **required** for the design, development, production, manufacture, assembly, operation, repair, testing, maintenance, or modification of “defense articles”; classified information related to defense articles; information covered by an invention secrecy order; software directly related to defense articles.

## The Export Administration Regulation (EAR)

### - Technology

Specific information **necessary** for the “development”, “production”, or “use” of a product. The information takes the form of “technical data” or “technical assistance”.

**Does not include** information concerning general scientific, mathematical or engineering principles commonly taught in schools, colleges and universities or information in the “public domain”.

**Does not include** basic marketing information on function or purpose or general system descriptions of items.

# ECILD Summary of Spacecraft Controls

Export Control and Interagency  
Liaison Division



## Cat XV Pre-ECR

## CCL Pre-ECR

### Revised USML

### Revised CCL

#### Cat XV

#### Other

Military and  
Intelligence  
Satellites

Military  
Ground  
equipment

Parts  
critical  
for  
military  
functions

Services  
for USML  
and CCL  
satellites

GPS  
Receivers  
(XV now;  
future XII)

#### New ECCN 9x515

#### Existing ECCNs

Worldwide license, except Canada.  
25% *de minimis*, except 0% for  
China and other D:5 countries.  
STA eligible for A:5, except for  
space based logistics satellites and  
certain software and technology

Microelectronic circuits in  
ECCN 3A001 and 3A101,  
Star Trackers in ECCNs  
7A004 and 7A104, and  
items in ECCNs using  
“space qualified” are  
excluded from 9A515.x.

Satellites  
and  
Ground  
Equipment  
not on the  
USML

Specially  
Designed  
Radiation  
Hardened  
Integrated  
Circuits

Specially  
Designed  
Parts not  
on USML

New  
Satellite  
Related  
Item or  
Technology

Specific  
Electronics

Specific  
Optical  
Sensors

Specific  
Radar  
Systems

Export Control and Interagency  
Liaison Division

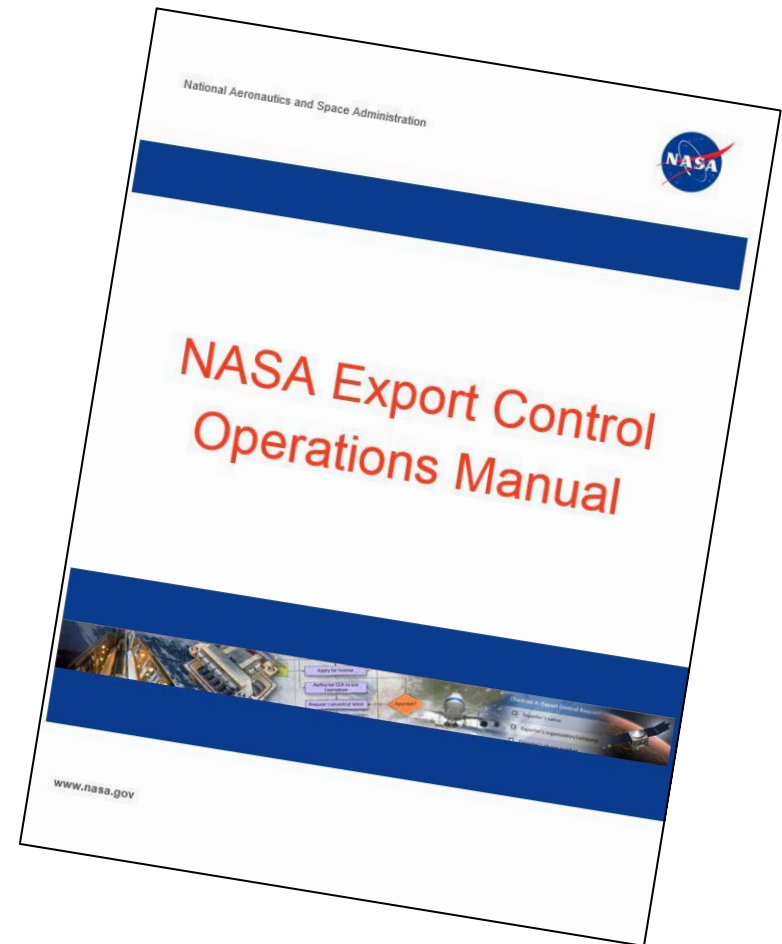
- **ARC**
  - Mary Williams/CEA
  - Gabe Lozano/ACEA
  - George Sloup/CEC
- **AFRC**
  - Dave Baptiste/CEA
  - Dave Samuels/CEC
- **GSFC/WFF/IV&V/GISS/CSBF**
  - Tom Weisz/CEA
  - Carolyn Lott/ACEA
  - David Schuman/CEC
- **JPL/NMO**
  - Robert Jones/CEA
- **JPL/Caltech**
  - Reed Wilcox/CEA
  - Rachael Skinner/ACEA
- **JSC/WSTF**
  - Ari Blum/CEA
  - Judy Elam/ACEA
  - Karen Walsemann/ACEA
  - Rebecca Bresnik/CEC
- **KSC**
  - Bill Roy/ CEA
  - Doug Lesho/ECS
  - Shelley Ford/CEC
- **LaRC**
  - Angela DiGiosaffatte/CEA
  - Eric Rissling/CEC
- **GRC**
  - Steve Fedor/CEA
  - Callie West/CEC
- **MSFC/MAF**
  - Rip Nabors/CEA
  - Vanita Brown/ACEA
  - Jim McGroary/CEC
- **NSSC**
  - Ken Griffey/CEA
  - John Cogley/ACEA
  - Troy D. Taylor/CEC
- **SSC**
  - Ken Griffey/CEA
  - John Schreck/ACEA
  - Wendy Houser/CEC

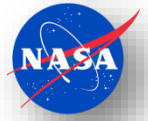
**Call Washington:  
David Flynn or Ken  
Hodgdon  
202-358-1792 or -  
0535**

<http://oiir.hq.nasa.gov/nasaecp/contacts.html>

The Ops Manual (NAII 2190) is intended to answer the following questions concerning NASA's Export Control Program (ECP):

- **What** is an export and export control?
- **When** is export necessary?
- **Who** is authorized to approve an export in the Agency?
- **Where** to find information and resources for questions?
- **How** to conduct various export related activities?





- Mark or identify export controlled or proprietary information in proposals
  - Marking either pages, sections, or paragraphs
- Identify all foreign partners or participants
- Understand changes due to export reform
- Understand your responsibilities under U.S. export control regulations